
Antenna Reports

Test lab: RD laboratory of Sunway Communication Co.LTD

Test Instrument: GTS1800

Test software: GTS1800NR-Z

Issue date: 2024/5/24

Manufacturer: Sunway Communication

Manufacturer address: 1013, Xihuan Rd., Shajing Town, Bao'an

District, Shenzhen, P.R. China

Instrument calibration date :2024/5/20

Instrument Due date: 2024/12/30

Test Engineer: 

ANT3

Antenna model name: GPS WLAN BT ANT

Antenna type: PIFA

GPS 1.1G&1.5G Peak Gain (dBi)			
1160-1190MHz	-2.74	1560-1590MHz	-3.88

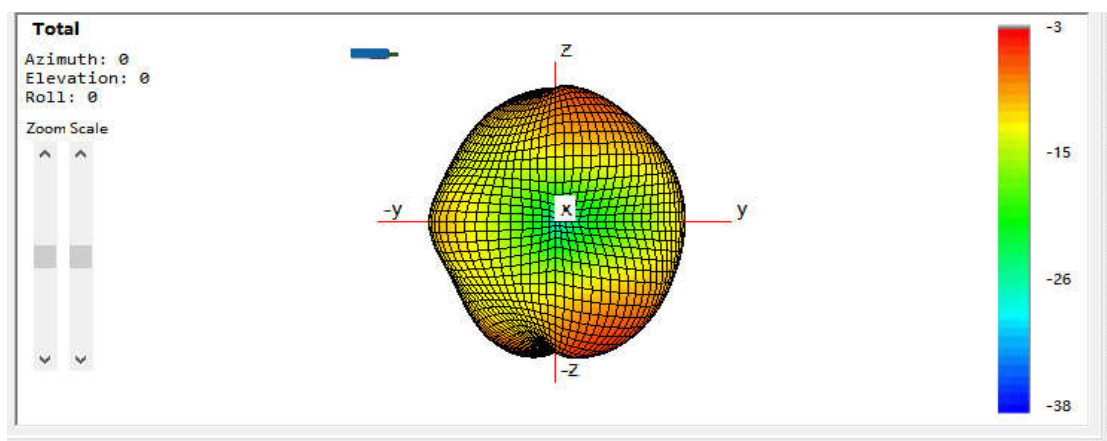
(Right view – Rear view – Left view – Front view)

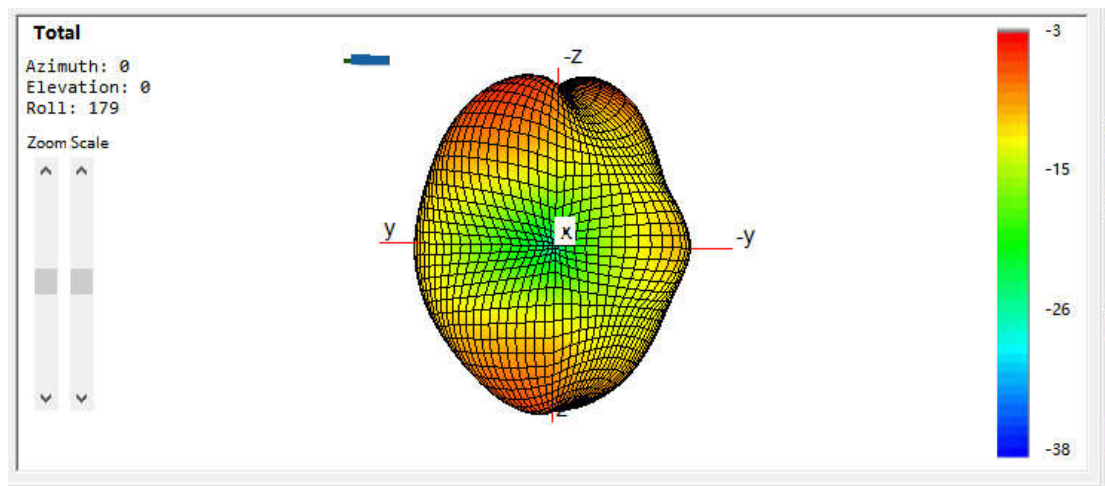
BT	Peak Gain(dBi)
2400~2483.5MHz	-1.09

WLAN	Peak Gain(dBi)
2400~2483.5MHz	-1.09
5150~5250MHz	-2.01
5250~5350MHz	-1.23
5470~5725MHz	-1.86
5725~5850MHz	-3
5850~5925MHz	-0.02
5925~6425MHz	-0.02
6425~6525MHz	-0.02
6525~6875MHz	-0.02
6875~7125MHz	-0.02

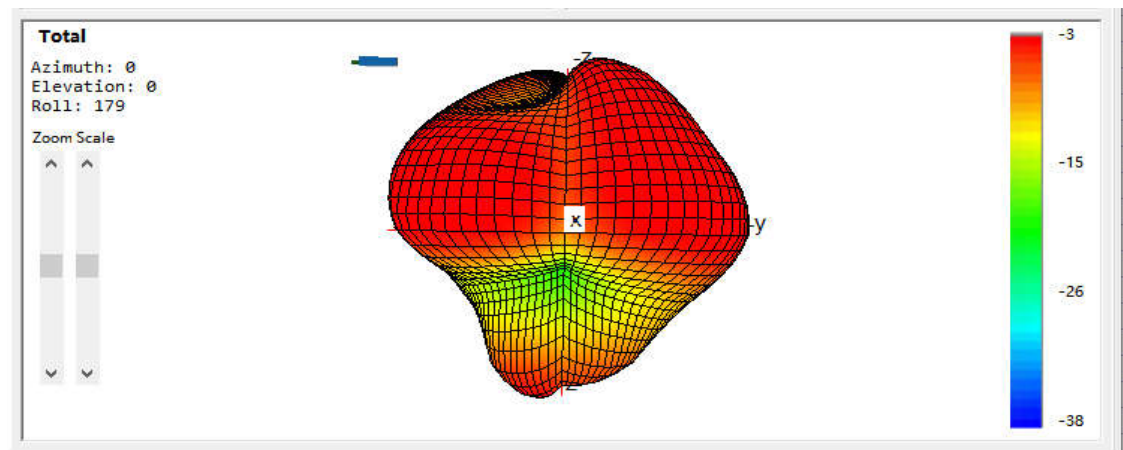
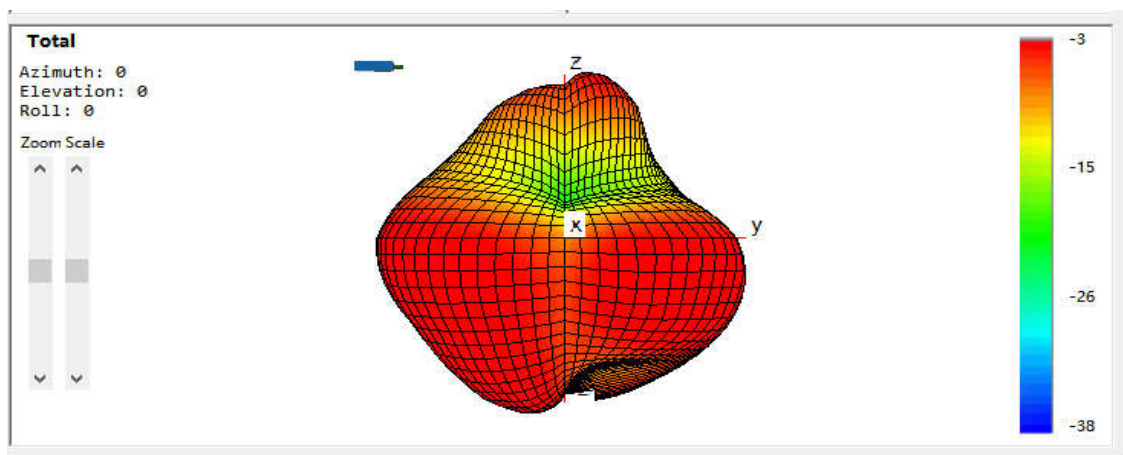
(Right view – Rear view – Left view – Front view)

WIFI BT 2.4G (2450 MHz)

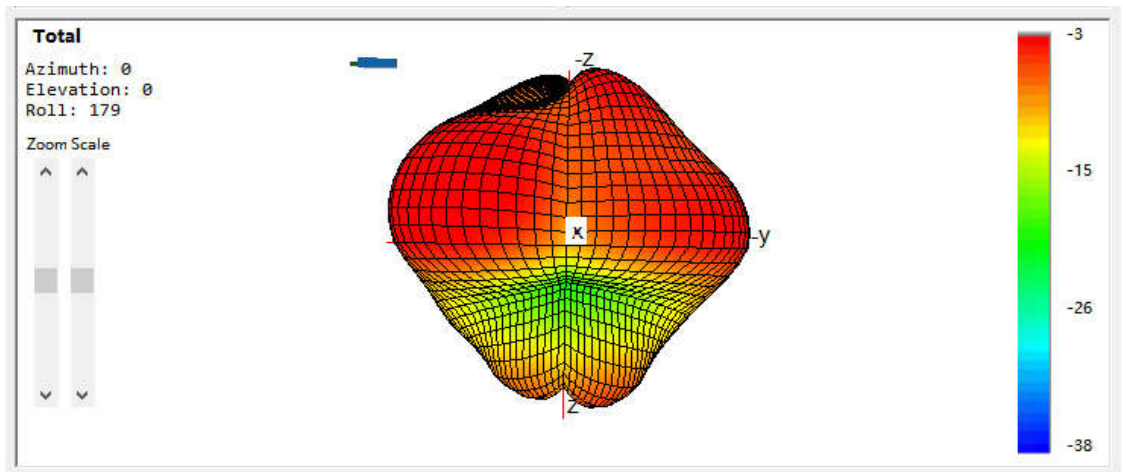
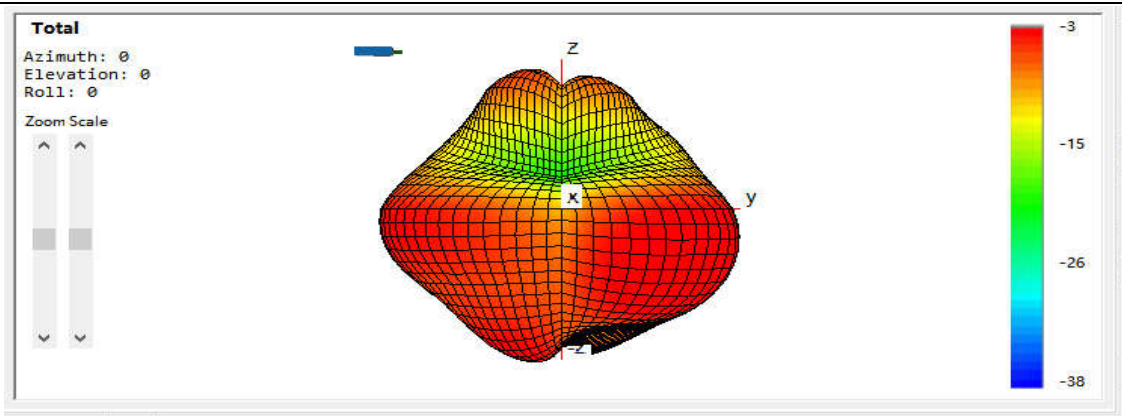




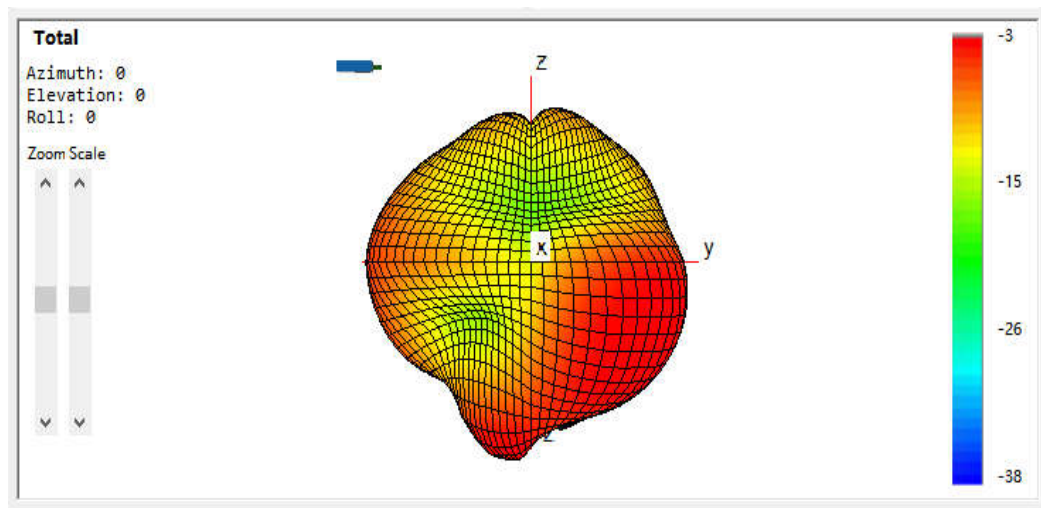
WIFI 5G (5200 MHz)

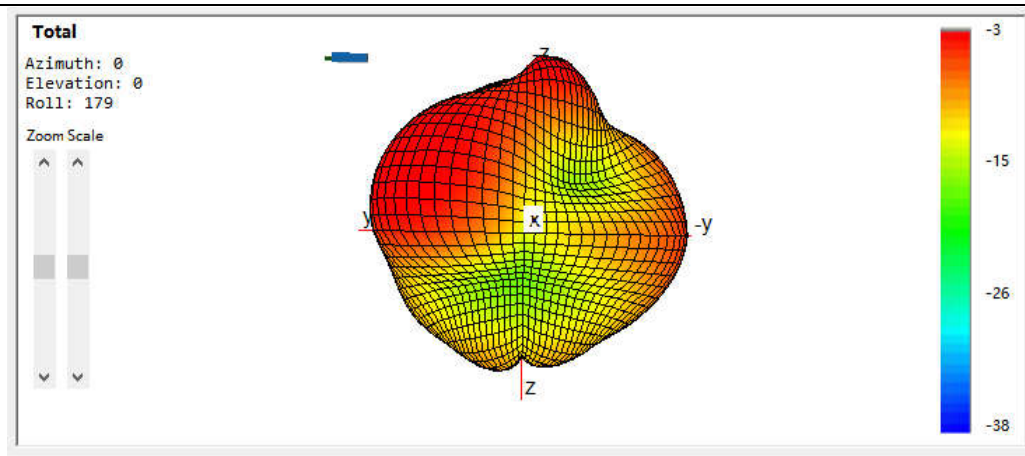


WIFI 5G (5400 MHz)

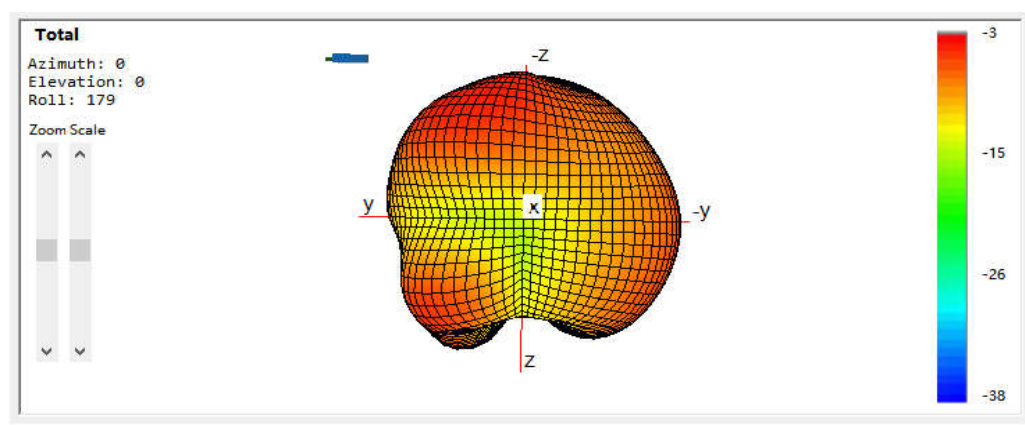
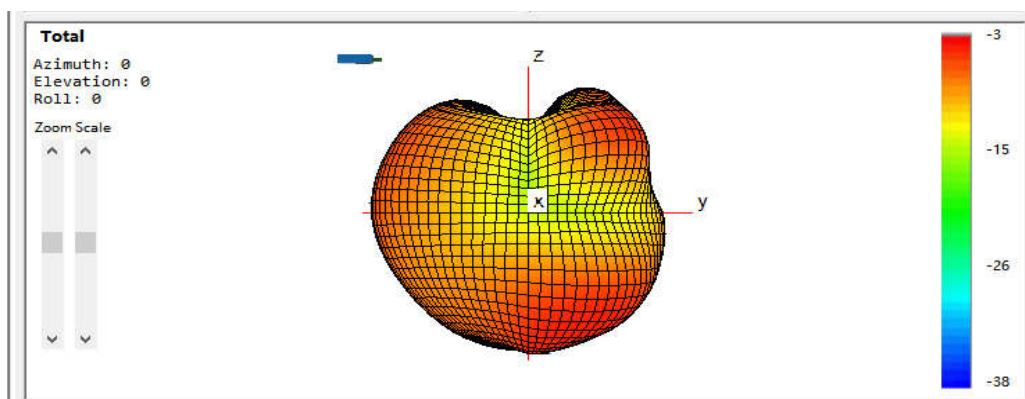


WIFI 5G (5600 MHz)

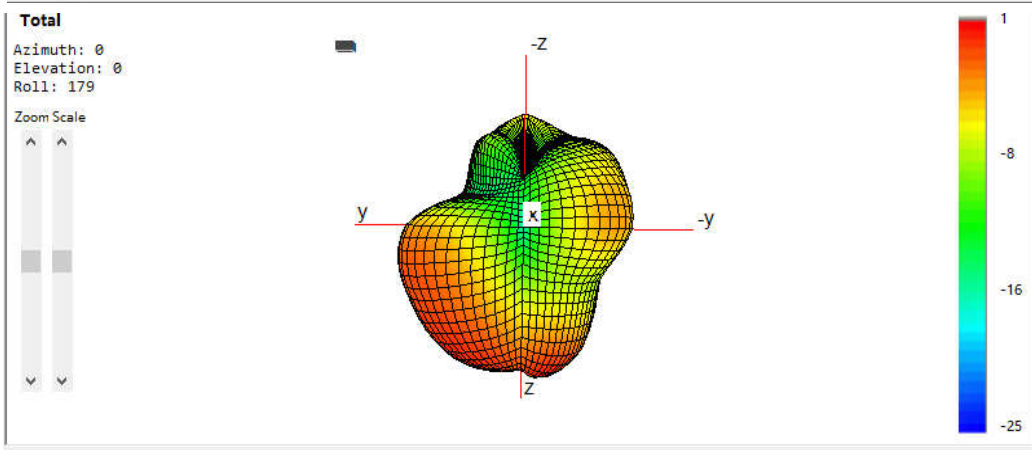
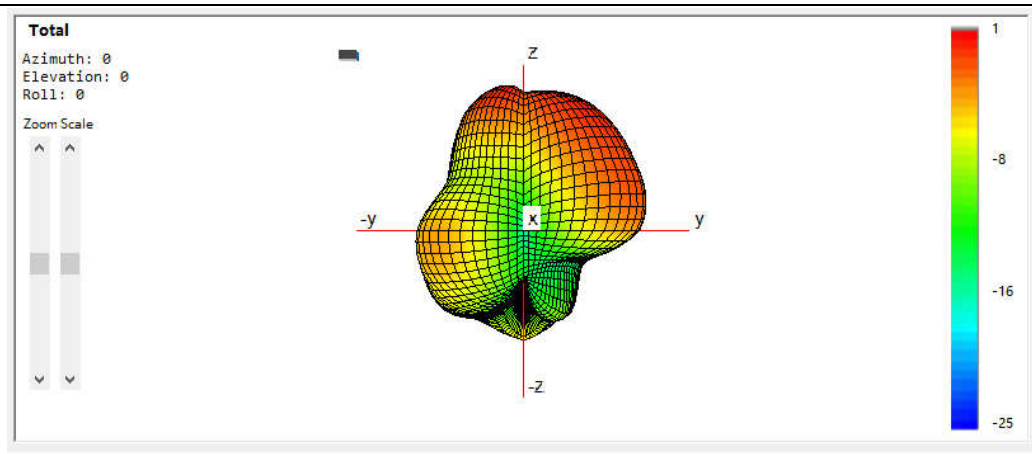




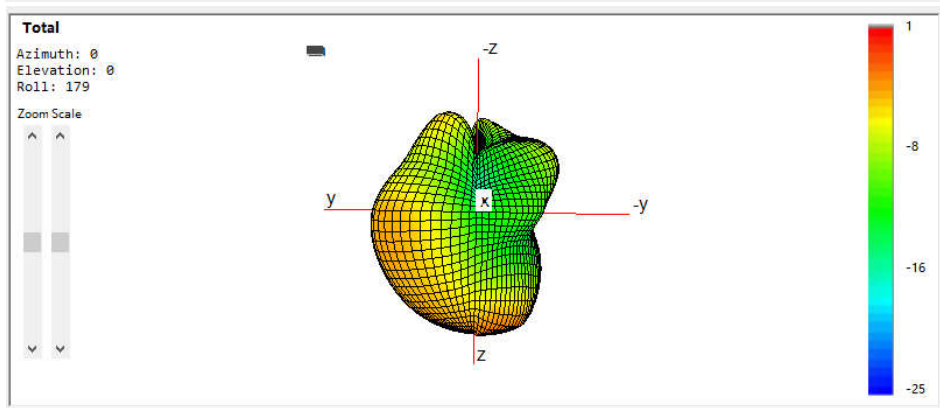
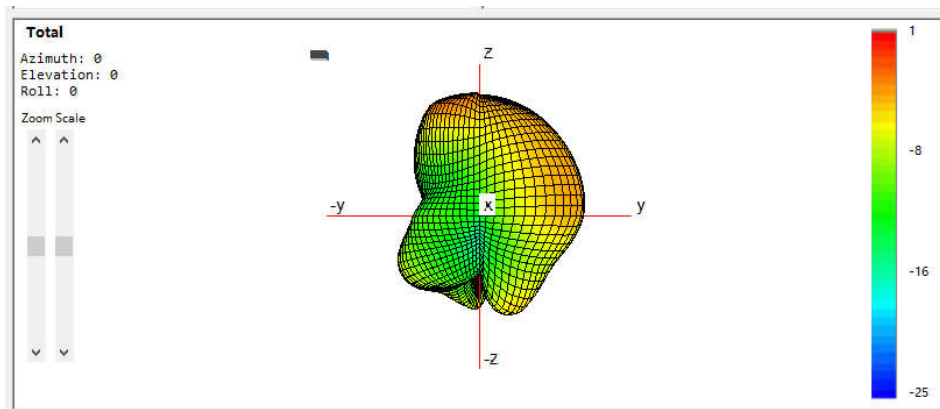
WIFI 5G (5800 MHz)



WIFI 6E (6500MHz)



WIFI 6E (7100MHz)



ANT4

Antenna model name: WLAN BT ANT

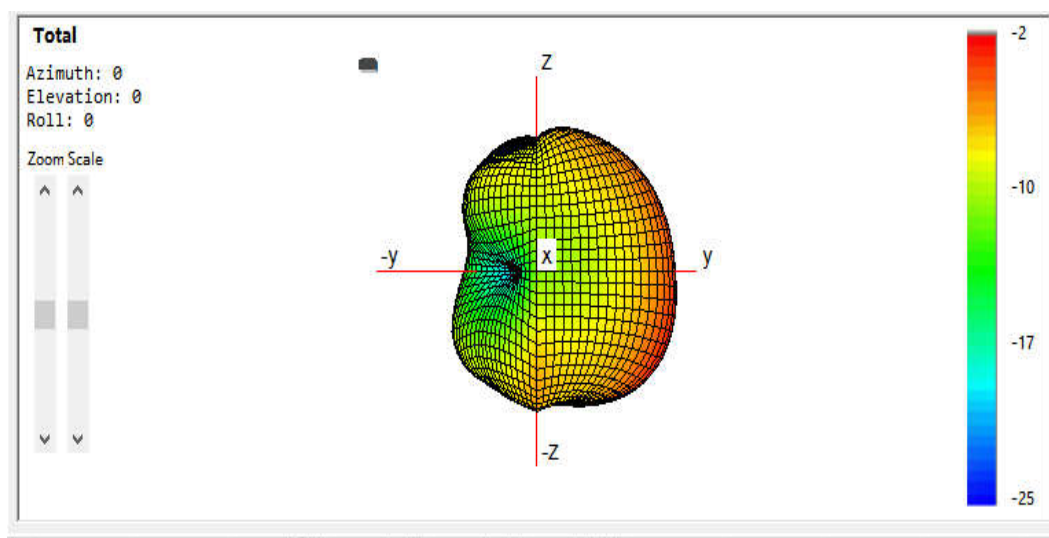
Antenna type: PIFA

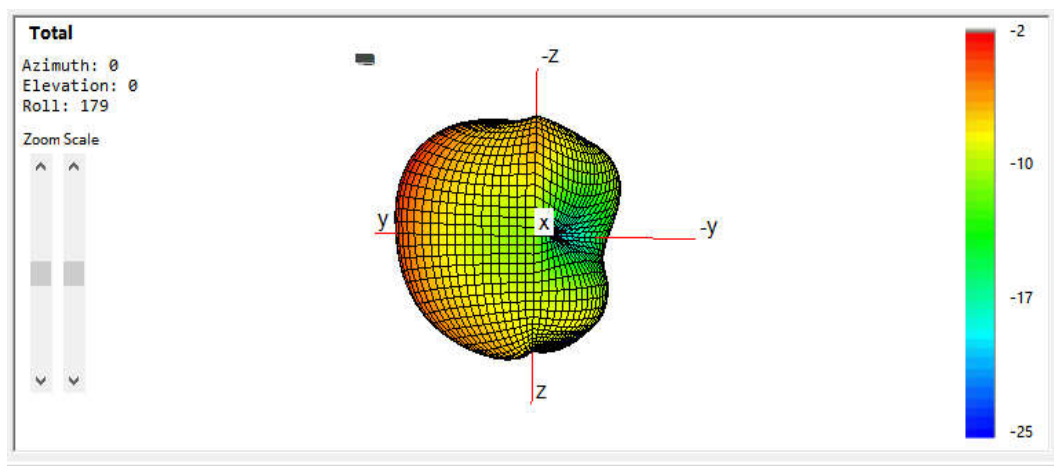
BT	Peak Gain(dBi)
2400~2483.5MHz	0.1

WLAN	Peak Gain(dBi)
2400~2483.5MHz	0.1
5150~5250MHz	-1
5250~5350MHz	-0.54
5470~5725MHz	-0.5
5725~5850MHz	-2.33
5850~5925MHz	-0.79
5925~6425MHz	-0.79
6425~6525MHz	-0.79
6525~6875MHz	-0.79
6875~7125MHz	-0.79

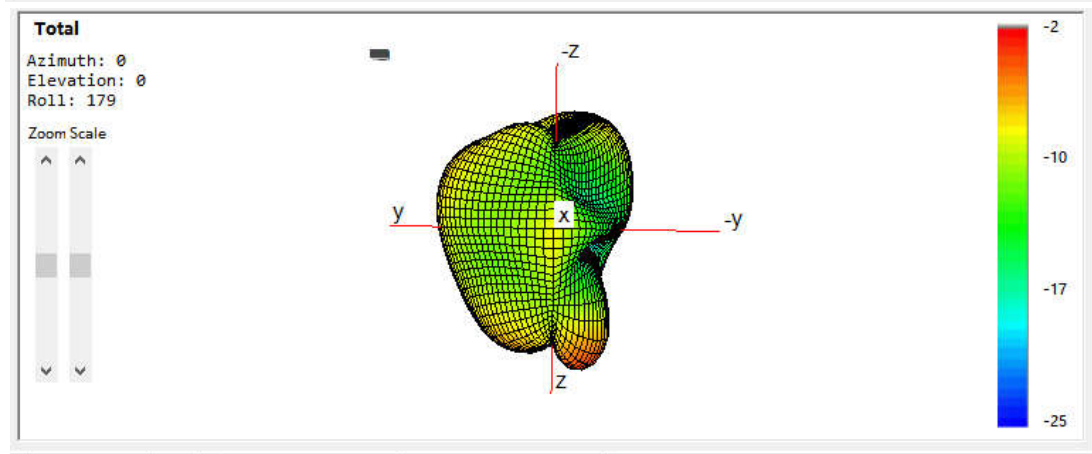
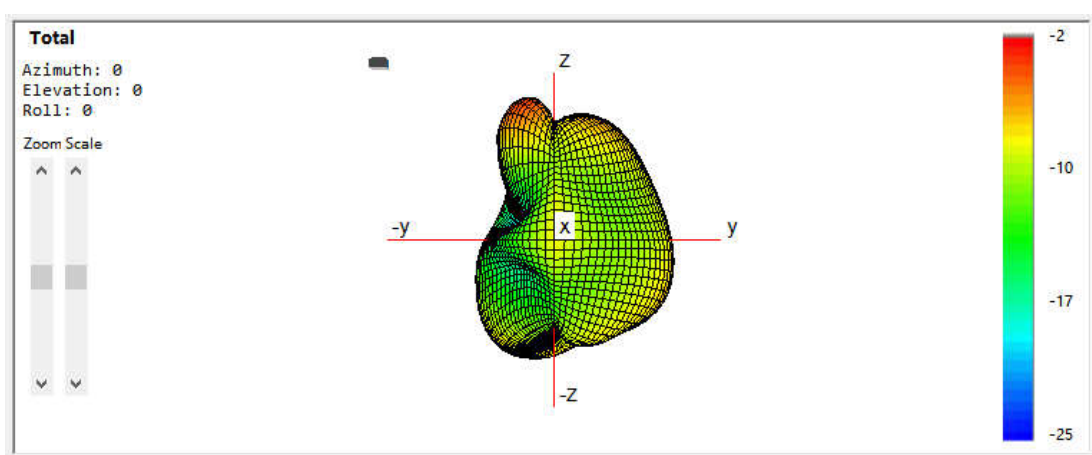
(Right view – Rear view – Left view – Front view)

WIFI BT 2.4G (2450 MHz)

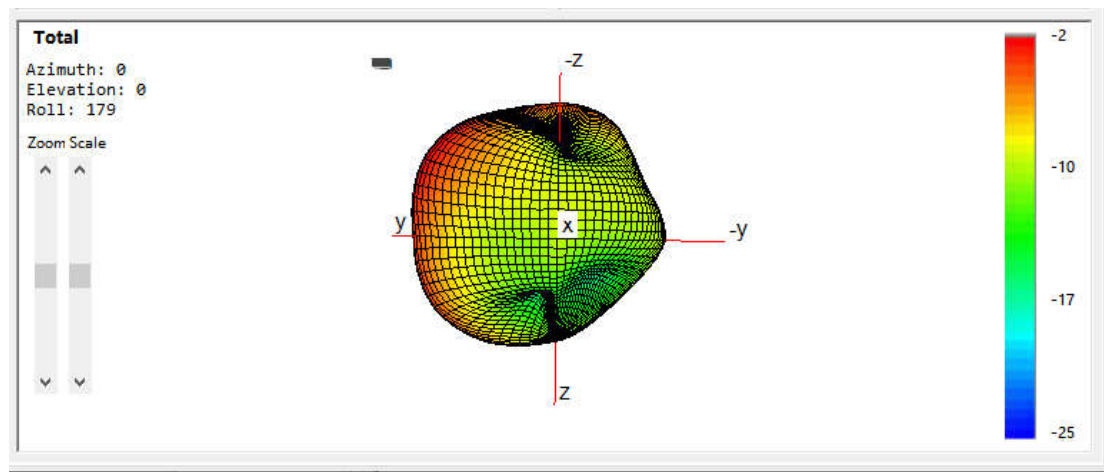
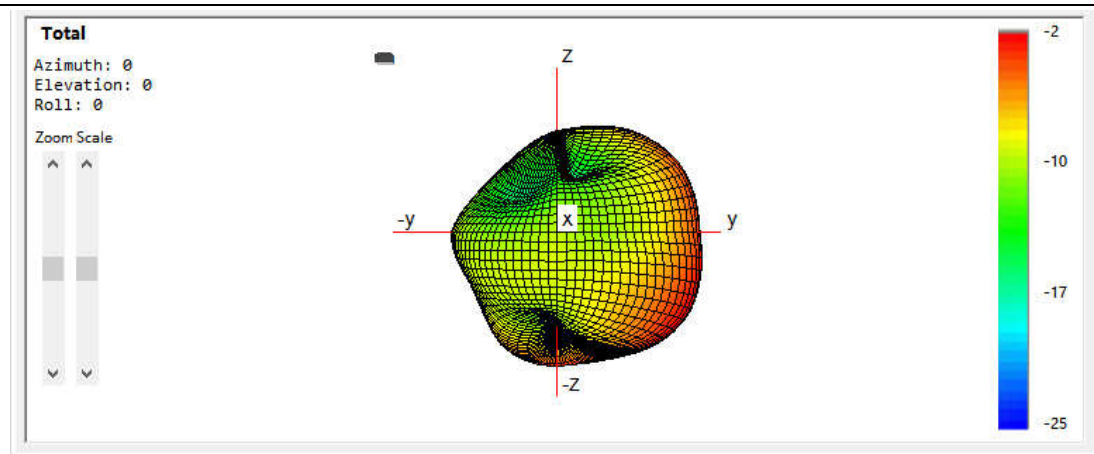




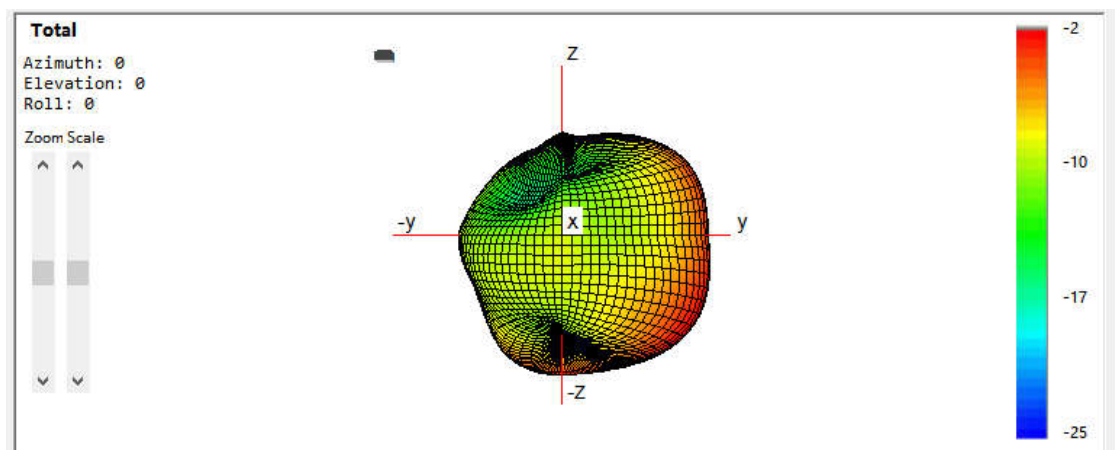
WIFI 5G (5200 MHz)

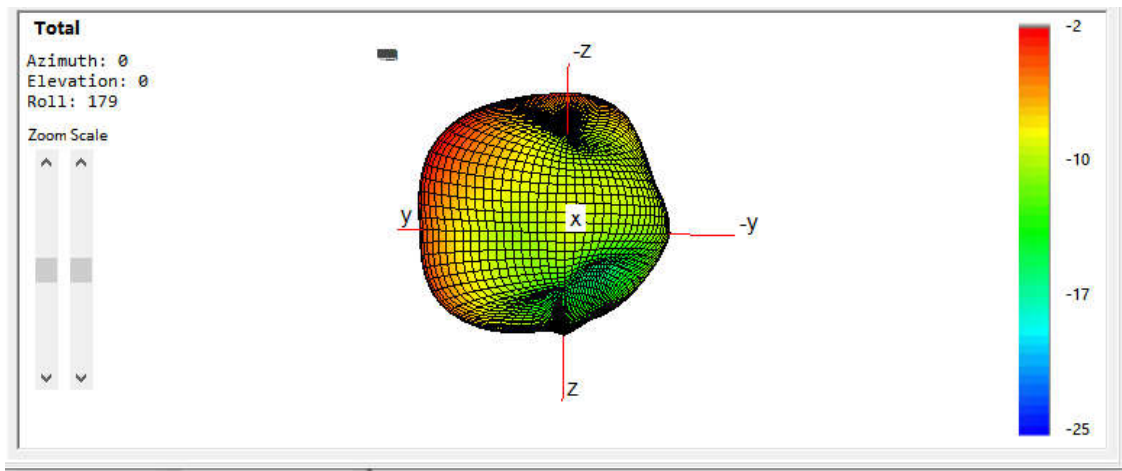


WIFI 5G (5400 MHz)

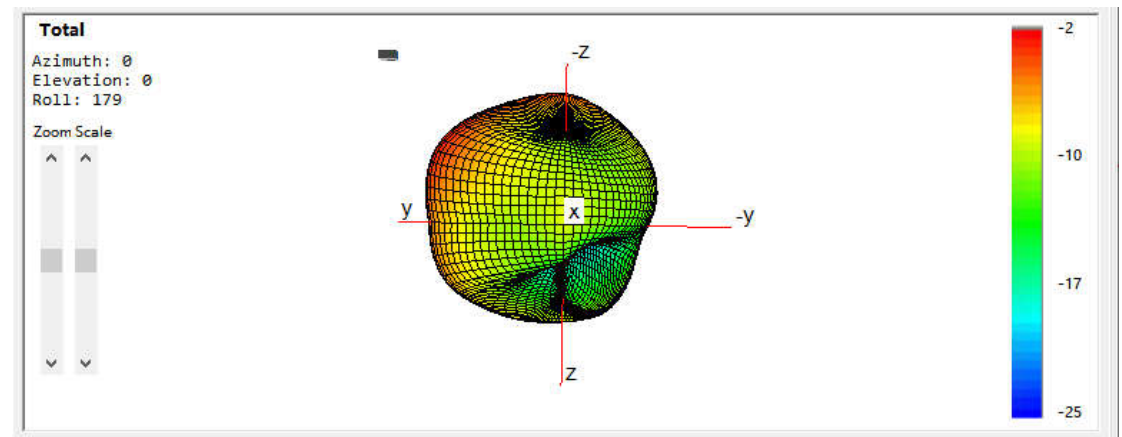
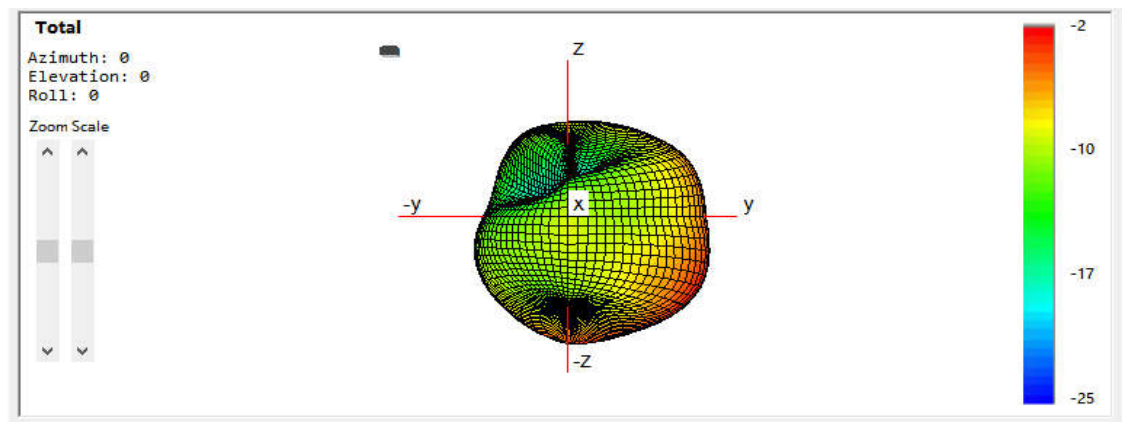


WIFI 5G (5600 MHz)

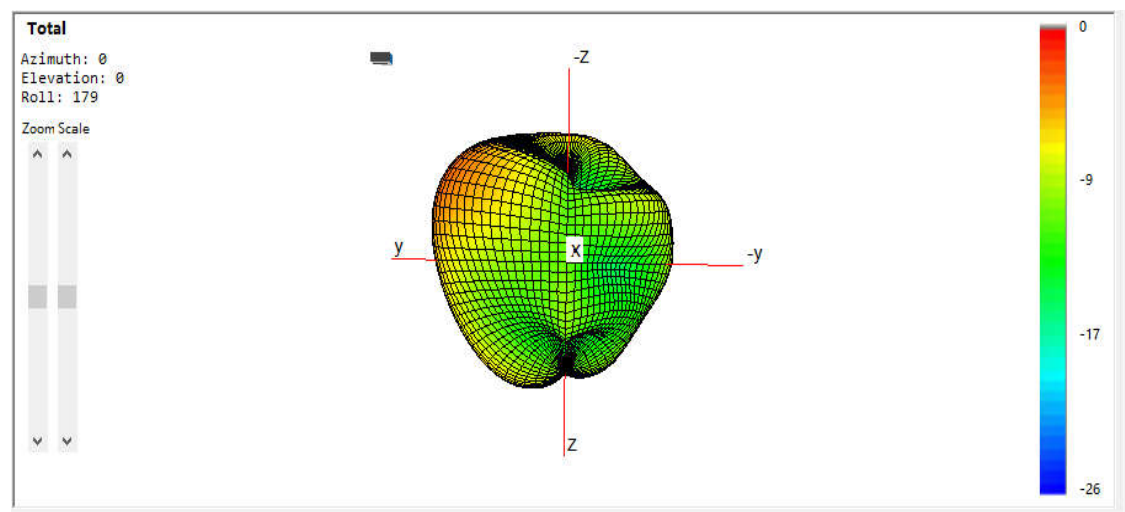
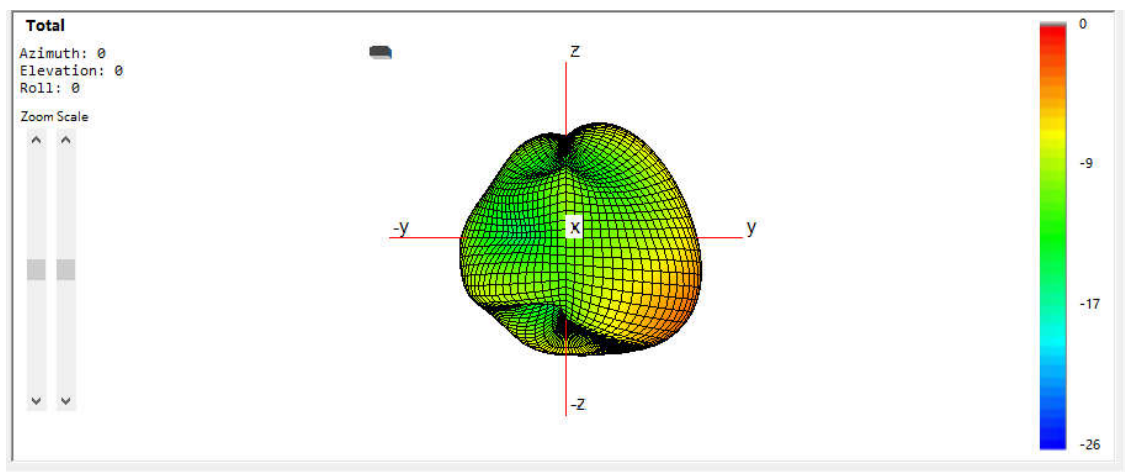




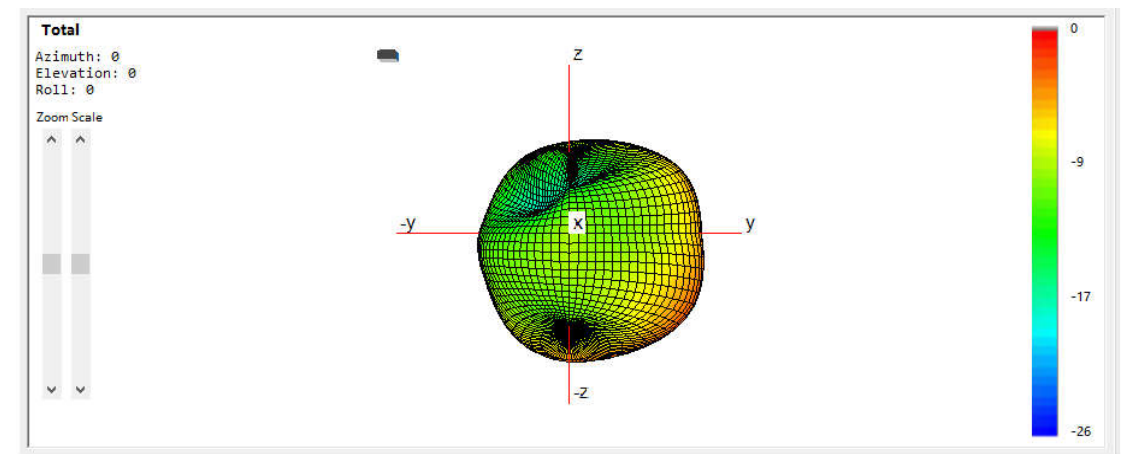
WIFI 5G (5800 MHz)

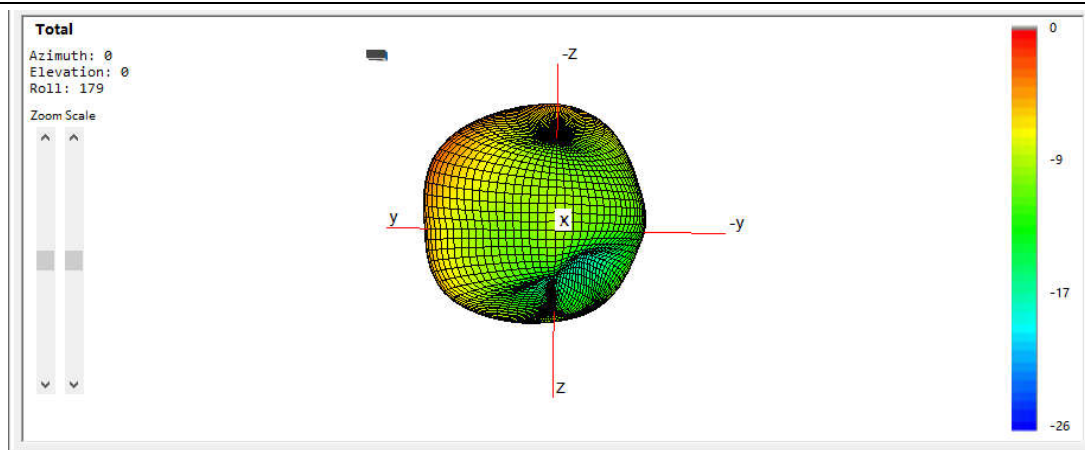


WIFI 6E(6500MHZ)



WIFI 6E(7100MHZ)





ANT6

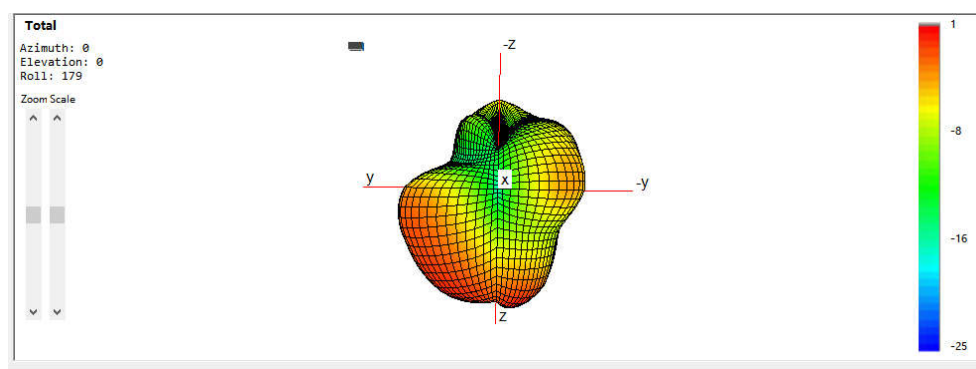
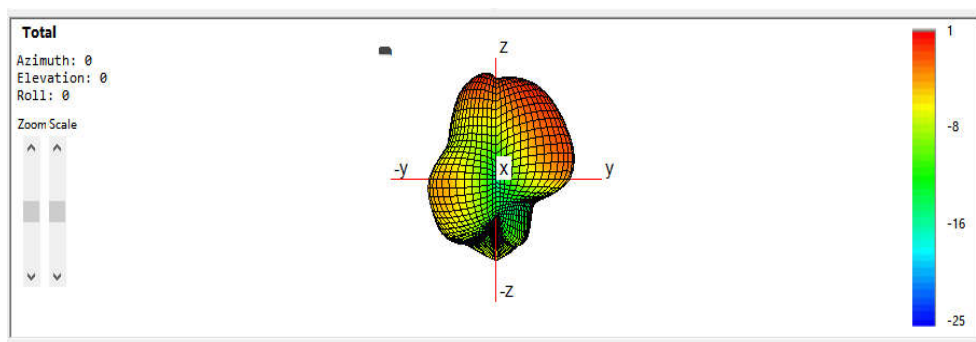
Antenna model name: UWB ANT

Antenna type: PIFA

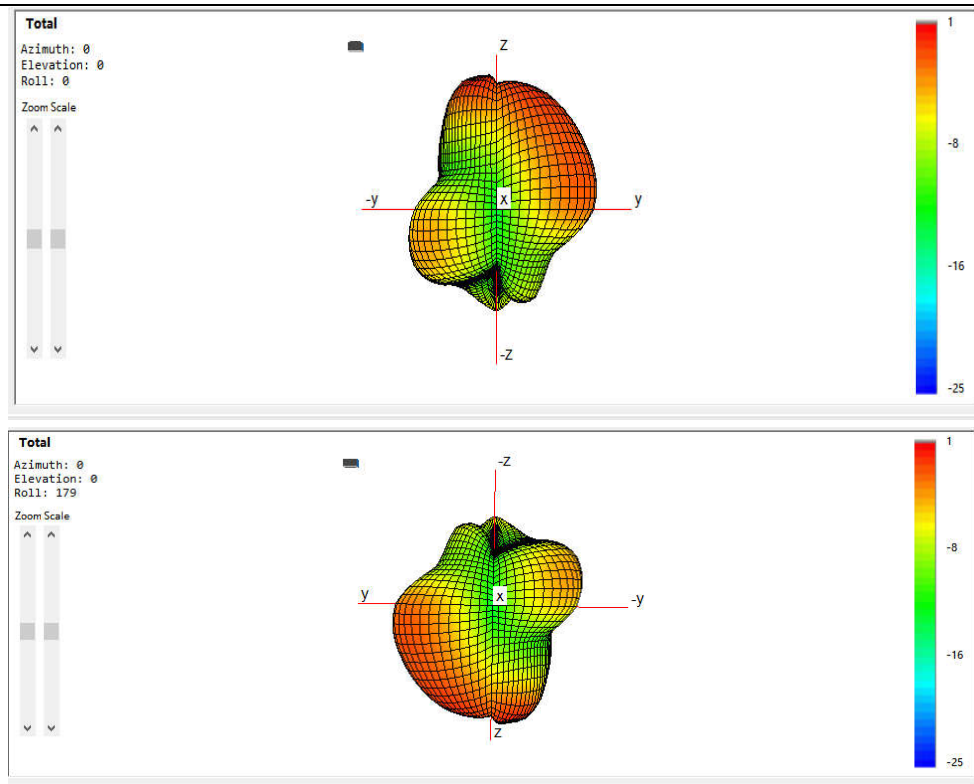
UWB	Peak Gain(dBi)
6250~6750MHz	0.01
6950~8250MHz	0.1

(Right view – Rear view – Left view – Front view)

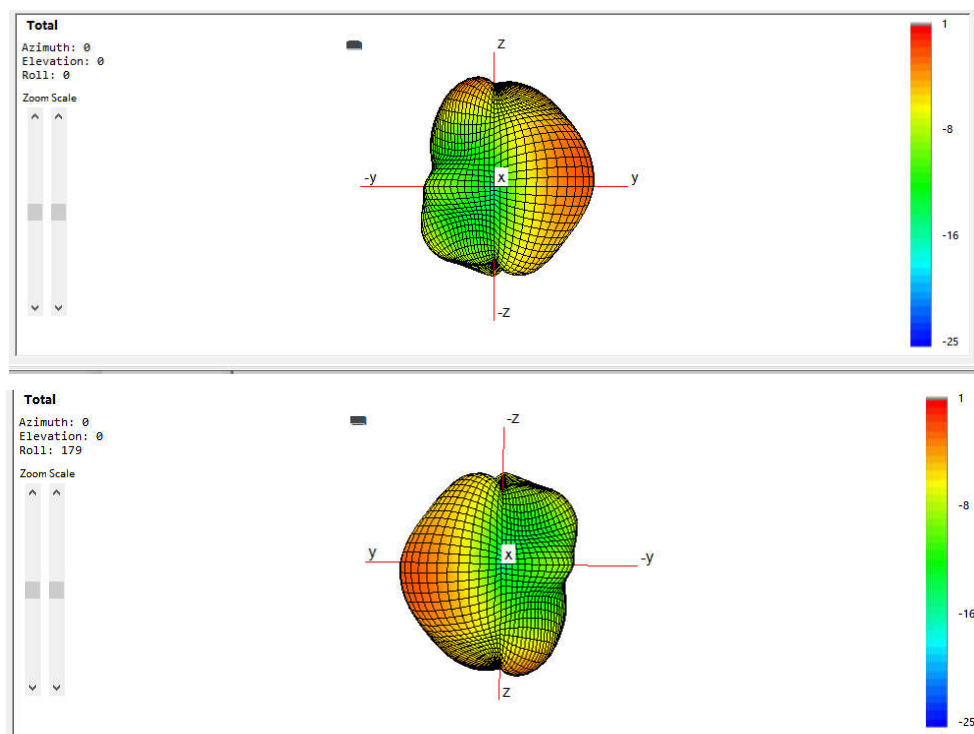
UWB CH5 (6489 MHz)



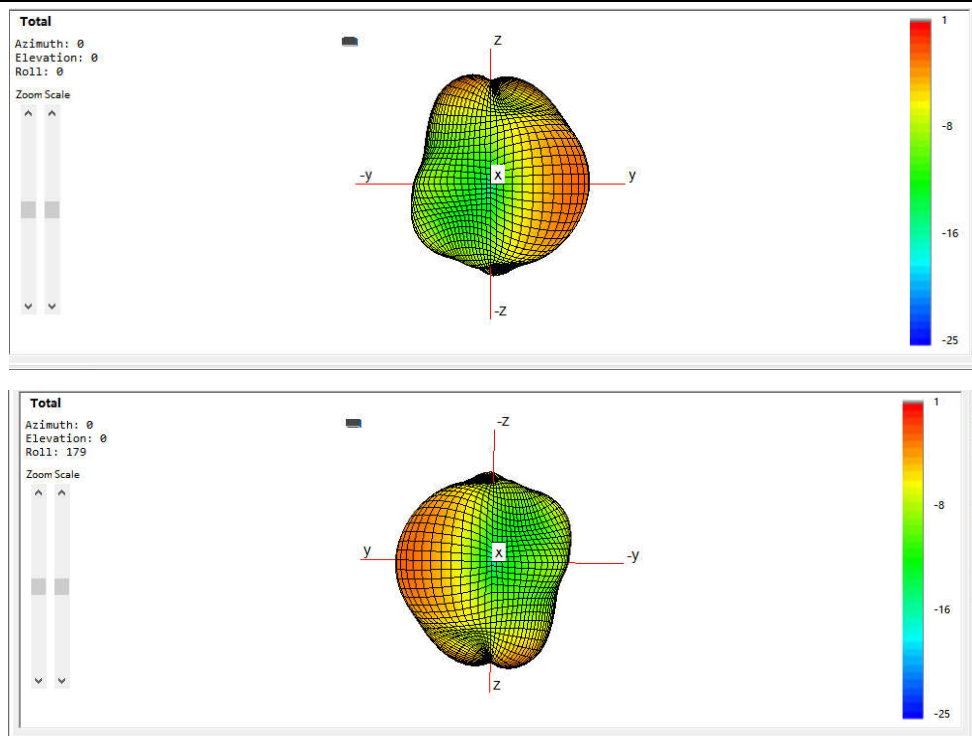
UWB CH6 (6988 MHz)



UWB CH8 (7488 MHz)



UWB CH9 (7987 MHz)



ANT8

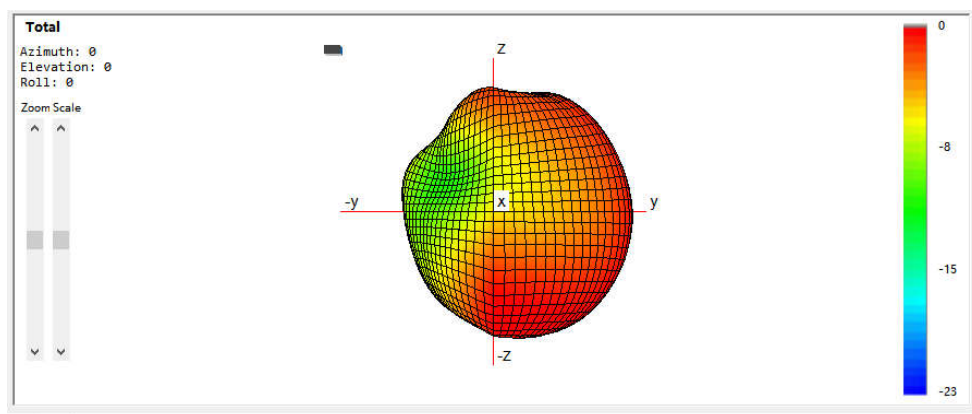
Antenna model name: Lora&WWAN ANT

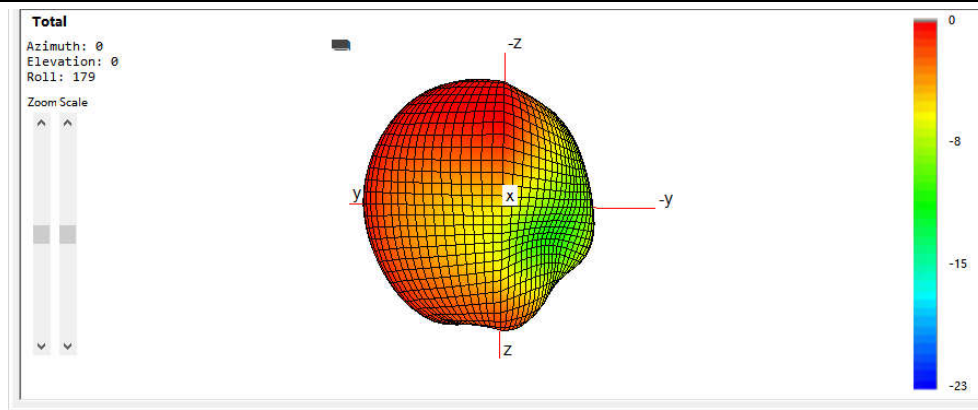
Antenna type: PIFA

LTE/NR	Peak Gain(dBi)
LORA	-1

(Right view – Rear view – Left view – Front view)

LORA (915 MHz)





NFC

Antenna model name: NFC ANT

Antenna type: LOOP

ANT Size: Length: 53 ± 0.15 mm

Width : 48.28 ± 0.15 mm

Height: 0.28 mm